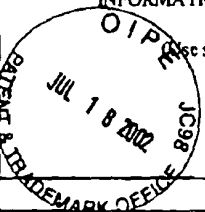


Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 109590		APPLICATION NO. 09/863,512	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Fusao SHIMIZU et al. FILING DATE May 24, 2001			
							
				GROUP 2859			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS		
<i>[Signature]</i>	1	5,291,025	03/01/1994	Smith			
<i>[Signature]</i>	2	5,929,766	07/27/1999	Rochet et al.			
<i>[Signature]</i>	3	4,583,847	04/22/1986	Battig et al.			
<i>[Signature]</i>	4	5,798,532	08/25/1998	Linehan			
<i>[Signature]</i>	5	5,092,557	03/03/1992	Sawatzki			
<i>[Signature]</i>	6	5,944,475	08/31/1999	Bonora et al.			
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS		
<i>[Signature]</i>	7	EP 0 387 164 A1	09/12/1990	EUROPE			
<i>[Signature]</i>	8	JP 2001 189371 (Abstract only)	07/10/2001	JAPAN			
<i>[Signature]</i>	9	DE 197 52 509 A1	07/01/1999	GERMANY			
<i>[Signature]</i>	10	JP 11 297797 (Abstract only)	10/29/1999	JAPAN			
<i>[Signature]</i>	11	WO 99 16121 (w/Abstract)	04/01/1999	WIPO			
<i>[Signature]</i>	12	JP 04 075361 (Abstract only)	03/10/1992	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER <i>[Signature]</i>						DATE CONSIDERED 4 Sept 2003	
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Date: July 18, 2002